(FILE 'HOME' ENTERED AT 12:56:15 ON 08 DEC 2004)

FILE 'INSPEC, CAPLUS' ENTERED AT 12:56:38 ON 08 DEC 2004
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L1        35667 S PHOTODIODE
L2         1913 S CMOS IMAGE SENSOR
L3        37201 S L1 OR L2
L4        10295 S COLOR FILTER
L5        26628 S TRENCH
L6        56591 S PHOTORESIST
L7          144 S L3 AND L6
L8            4 S L7 AND L5
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("2004043530").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 12:58
L2	1	("20040043530").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:03
L3	1	("6661046").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:04
L4	1	("6459131").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:04
L5	1	("6362498").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:04
L6	1	("6274917").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:06
L7	5	2 3 4 5 6	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:06
L11	28905	color adj filter	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 13:09
L12	1445	dye with photoresist	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 13:09
L13	268107	lens	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 13:09
L14	84	11 and 12 and 13	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 13:09
L15	68	14 and @ad<"20020627"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:13
L16	18	15 and ("257"/$3 "438"/$3).ccls.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:23

L17	54	(("4694185") or ("5118924") or ("5172206") or ("4935794") or ("5479049") or ("5614741") or ("5691548") or ("5585951") or ("5600344") or ("5798805") or ("5818550") or ("5838411") or ("5877832") or ("5754280") or ("5920092") or ("5593913") or ("5614950") or ("5654565") or ("5693967") or ("5711890") or ("5734190") or ("5824236") or ("5841158") or ("5841176") or ("5844289") or ("5844290") or ("5877040") or ("5900655") or ("5970316") or ("6013925") or ("6030852") or ("6104021") or ("6157017") or ("6163407") or ("6188094") or ("6211916") or ("6218667") or ("6232590") or ("6252219") or ("6255640") or ("6259083") or ("6291811") or ("6482669") or ("6605850") or ("6618087") or ("6661046") or ("6665014") or ("6753557") or ("6803250") or ("6235549") or ("6563149") or ("6784457") or ("6312969") or ("6344666")).PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:13
L18	52	17 and @ad<"20020627"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:23
L20	249461	lens microlens	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:17
L21	255	20 and 12	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:17
L22	90	21 and 11	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:17
L23	74	22 and @ad<"20020627"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:22
L24	15733	(lens microlens) with (shell empty void air gap)	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:22
L25	255	24 and ("257"/$3 "438"/$3).ccls.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:23
L26	194	25 and @ad<"20020627"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:39

L27	28	(("3476942") or ("3501676") or ("3512027") or ("3537028") or ("3593055") or ("3636358") or ("3668404") or ("3696263") or ("3699407") or ("3703670") or ("3739217") or ("3911430") or ("3919585") or ("4013915") or ("4038580") or ("4058750") or ("4114177") or ("4126812") or ("4152624") or ("4168102") or ("4241277") or ("4267486") or ("4675575") or ("4780752") or ("4926348") or ("5001609") or ("5404277") or ("5895228")).PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:38
L28	23	27 and @ad<"20020627"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:40
L29	5	27 not 28	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 14:40
L30	58	(("1722368") or ("4460919") or ("4694185") or ("5118924") or ("5172206") or ("4125510") or ("5063102") or ("4916528") or ("4966831") or ("5005085") or ("5132251") or ("5230972") or ("5238856") or ("5422285") or ("5528292") or ("5583354") or ("5592223") or ("5665963") or ("5667920") or ("5773814") or ("5593913") or ("5614950") or ("5654565") or ("5691548") or ("5693967") or ("5711890") or ("5734190") or ("5824236") or ("5841158") or ("5841176") or ("5844289") or ("5844290") or ("5877040") or ("5900655") or ("5970316") or ("6529239") or ("6013925") or ("6030852") or ("6104021") or ("6157017") or ("6163407") or ("6188094") or ("6211916") or ("6218667") or ("6232590") or ("6252219") or ("6255640") or ("6259083") or ("6291811") or ("6482669") or ("6605850") or ("6618087") or ("6661046") or ("6665014") or ("6753557") or ("6803250") or ("6670772") or ("6787976")).PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 15:12
S1	1	("6661046").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 12:58

S2	4	(("5371397") or ("6002145") or ("6031512") or ("6194244")).PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:13
S3	6	kim-chae-sung.in.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 10:12
S4	1262	((257/292,294,233) or (438/69, 70)).CCLS.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 10:12
S5	1071	S4 and @ad<"20020627"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/08 13:09
S6	1903	CMOS image sensor	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2004/12/08 10:13
S7	28905	color filter	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2004/12/08 10:13
S8	5226	microlens	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2004/12/08 10:13
S9	52758	trench	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2004/12/08 10:13
S10	50255	photodiode	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2004/12/08 10:13
S11	209	photoresist with dyed	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:17
S12	1196856	air	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:17
S13	97	S5 and S12	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:17
S14	4	S13 and S9	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:25
S15	336	S6 and S7	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:25
S16	29	S15 and S9	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:28
S17	1094	S7 and S8	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:29

S18	52	S17 and S9	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:30
S19	16651	lens with (void air gap empty)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:31
S20	1154	S19 and S10	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:31
S21	24	S20 and S9	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:32
S22	17	S5 and S19	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 10:33
S23	47	S6 and S19	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/08 13:09